

FORM PTO-1449 MODIFIED

Docket No.:
1432.05US02Application No.:
09/855,027INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

APPLICANT: Guo et al.

FILING DATE: May 14, 2001

GROUP ART UNIT: 1633

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MB	5,690,933	Nov. 1997	Cobbold et al.			
	5,876,692	Mar. 1999	Ildstad			
	5,876,708	Mar. 1999	Sachs			
	6,006,752	Dec. 1999	Sykes			
MB	6,056,956	May 2000	Cobbold et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
MB	WO 00/40701	Dec. 1999	PCT			

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

MB	<i>Transplantation Tolerance</i> , D.H. Sachs, The Annals of Thoracic Surgery, Vol. 56, No. 6, pp. 1221-1227, December 1993.
	<i>Reconstitution with Syngeneic Plus Allogeneic or Xenogeneic Bone Marrow Leads to Specific Acceptance of Allografts or Xenografts</i> , S.T. Ildstad, D.H. Sachs, Nature, Vol. 307, No. 5947, pp. 168-170, January 1984.
	<i>Bone Marrow Transplantation Across HLA Barriers by Increasing the Number of Transplanted Cells</i> , Y. Reisner, M. Martelli, Immunology Today, Vol. 16, No. 9, pp. 437-440, July 1995.
MB	<i>Toward Amplification of a Graft-Versus-Leukemia Effect While Minimizing Graft-Versus-Host Disease</i> , S. Morecki, S. Slavin, Journal of Hematotherapy & Stem Cell Research, Vol. 9, pp. 355-357, 2000.

EXAMINER SIGNATURE

DATE CONSIDERED

9/19/02

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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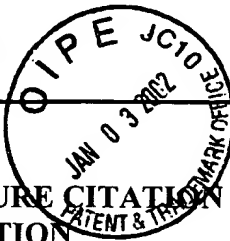
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Page 2 of 6

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M/B	<i>Mixed Chimerism as an Approach to Transplantation Tolerance</i> , D. H. Sachs, Clinical Immunology, Vol. 95, No. 1, pp. S63-S68, April 2000.
	<i>Allogeneic Chimerism Induces Donor-Specific Tolerance to Simultaneous Islet Allografts in Non-Obese Diabetic Mice</i> , H. Li, C.L. Kaufman, S.T. Ildstad, Surgery, Vol. 118, No. 2, pgs. 192-198, August 1995.
	<i>Allogeneic Hematopoietic Chimerism in Mice Treated With Sublethal Myeloablation and Anti-CD154 Antibody; Absence of Graft-versus-Host Disease, Induction of Skin Allograft Tolerance, and Prevention of Recurrent Autoimmunity in Islet-Allografted NOD/Lt Mice</i> , E. Seung, N. Iwakoshi, B.A. Woda, T.G. Markees, J.P. Mordes, A.A. Rossini, D.L. Greiner, Blood, Vol. 95, No. 6, pp. 2175-2182, March 2000.
	<i>NOD Mice Have a Generalized Defect in Their Response to Transplantation Tolerance Induction</i> , T.G. Markees, D.V. Serreze, N.E. Phillips, C.H. Sorli, E.J. Gordon, L.D. Shultz, R.J. Noelle, B.A. Woda, D.L. Greiner, J.P. Mordes, A.A. Rossini, Diabetes, A Journal of the American Diabetes Association, Vol. 48, pp. 967-974, May 1999.
	<i>Metabolism and Action of Fludarabine Phosphate</i> , W. Plunkett, P. Huang, V. Gandhi, Seminars in Oncology, Vol. 17, No. 5, Supp. 8, pp.3-17, October 1990.
	<i>Differential Induction of Apoptosis by Fludarabine Monophosphate in Leukemic B and Normal T-Cells in Chronic Lymphocytic Leukemia</i> , U. Consoli, I. El-Tounsi, A. Sandoval, V. Snell, H.D. Kleine, W. Brown, J.R. Robinson, F. DiRaimondo, W. Plunkett, M. Andreeff, Blood: The Journal of The American Society of Hematology, Vol. 91, No. 5, pp. 1742-1748, March 1998.
	<i>Fludarabine Phosphate: A DNA Synthesis Inhibitor With Potent Immunosuppressive Activity and Minimal Clinical Toxicity</i> , E.R. Goodman, P.S. Fiedor, S. Fein, E. Athan, M.A. Hardy, The American Surgeon, Vol. 62, No. 6, pp. 435-442, June 1996.
	<i>Severe Immunodeficiency in Patients Treated With Fludarabine Monophosphate</i> , P.W. Wijermans, W.B. Gerrits, H.L. Haak, European Journal of Haematology, Vol. 50, pp. 292-296, 1993.
	<i>Fludarabine Phosphate: A New Active Agent in Hematologic Malignancies</i> , M.J. Keating, S. O'Brien, W. Plunkett, L.E. Robertson, V. Gandhi, E. Esty, M. Dimopoulos, F. Cabanillas, A. Kemena, H. Kantarjian, Seminars in Hematology, Vol. 31, No. 1, pp. 28-39, January 1994.
✓ M/B	<i>Transplant-Lite: Induction of Graft-versus-Malignancy Using Fludarabine-based Nonablative Chemotherapy and Allogeneic Blood Progenitor-Cell Transplantation as Treatment for Lymphoid Malignancies</i> , I.F. Khouri, M. Keating, M. Korbling, D. Przepiorka, P. Anderlini, S. O'Brien, S. Giralt, C. Ippoliti, B. von Wolff, J. Gajewski, M. Donato, D. Claxton, N. Ueno, B. Andersson, A. Gee, R. Champlin, Journal of Clinical Oncology, Vol. 16, No. 8, pp. 2817-2824, August 1998.
EXAMINER SIGNATURE	DATE CONSIDERED 1/18/02
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	

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MB	<i>Intrathymic Clonal Deletion of V Beta 6⁺ T-Cells in Cyclophosphamide-Induced Tolerance to H-2-Compatible, Mls-Disparate Antigens</i> , M. Eto, H. Mayumi, Y. Tomita, Y. Yoshikai, K. Nomoto, Journal of Experimental Medicine, Vol. 171, pp. 97-113, January 1990.
	<i>Immune Regulation by CD40 and Its Ligand GP39</i> , T.M. Foy, A. Aruffo, J. Bajorath, J.E. Buhlmann, R.J. Noelle, Annual Review of Immunology, Vol. 14, pp. 591-617, 1996.
	<i>Immunopharmacology of Rapamycin</i> , R.T. Abraham, G.J. Wiederrecht, Annual Review of Immunology, Vol. 14, pp. 483-510, 1996.
	<i>Rapamune[®] (Sirolimus, Rapamycin): An Overview and Mechanism of Action</i> , S.N. Sehgal, Therapeutic Drug Monitoring, Vol. 17, No. 6, pp. 660-665, December 1995.
	<i>Rapamune[®] (RAPA, rapamycin, sirolimus): Mechanism of Action Immunosuppressive Effect Results From Blockade of Signal Transduction and Inhibition of Cell Cycle Progression</i> , S.N. Sehgal, Clinical Biochemistry, Vol. 31, No. 5, pp. 335-340, July 1998.
	<i>Low Intensity Regimens With Allogeneic Hematopoietic Stem Cell Transplantation as Treatment of Hematologic Neoplasia</i> , A.M. Carella, S. Giralt, S. Slavin, Haematologica, Vol. 85, No. 3, pp. 304-313, March 2000.
	<i>Two Distinct Signal Transmission Pathways in T Lymphocytes are Inhibited by Complexes Formed Between an Immunophilin and Either FK506 or Rapamycin</i> , B.E. Bierer, P.S. Mattila, R.F. Standaert, L.A. Herzenberg, S.J. Burakoff, G. Crabtree, S.L. Schreiber, Proceedings of the National Academy of Sciences, Vol. 87, No. 23, pp. 9231-9235, December 1990.
	<i>Survival of Mouse Pancreatic Islet Allografts in Recipients Treated With Allogeneic Small Lymphocytes and Antibody to CD40 Ligand</i> , D.C. Parker, D.L. Greiner, N.E. Phillips, M.C. Appel, A.W. Steele, F.H. Durie, R.J. Noelle, J.P. Mordes, A.A. Rossini, Proceedings of the National Academy of Sciences, Vol. 92, pp. 9560-9564, October 1995.
	<i>Costimulatory Function and Expression of CD40 Ligand, CD80, and CD86 in Vascularized Murine Cardiac Allograft Rejection</i> , W.W. Hancock, M.H. Sayegh, X.G. Zheng, R. Peach, P.S. Linsley, L.A. Turka, Proceedings of the National Academy of Sciences, Vol. 93, pp. 13967-13972, November 1996.
	<i>CD40 and Its Ligand in Host Defense</i> , R.J. Noelle, Immunity, Vol. 4, pp. 415-419, May 1996.
MB	<i>Anti-Third Party CD8 CTLs as Potent Veto Cells: Coexpression of CD8 and FasL Is a Prerequisite</i> , S. Reich-Zeliger, Y. Zhao, R. Krauthgamer, E. Bachar-Lustig, Y. Reisner, Immunity, Vol. 13, pp. 507-515, October 2000.
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MB	<i>Following the Fate of Individual T Cells Throughout Activation and Clonal Expansion. Signals From T Cell Receptor and CD28 Differentially Regulate the Induction and Duration of a Proliferative Response</i> , A.D. Wells, H. Gudmundsdottir, L.A. Turka, Journal of Clinical Investigation, Vol. 100, No. 12, pp. 3173-3183, 1997.
	<i>Megadose of T Cell-Depleted Bone Marrow Overcomes MHC Barriers in Sublethally Irradiated Mice</i> , E. Bachar-Lustig, N. Rachamim, H.W. Li, F. Lan, Y. Reisner, Nature Medicine, Vol. 1, No. 12, pp. 1268-1273, December 1995.
	<i>Blocking Both Signal 1 and Signal 2 of T-Cell Activation Prevents Apoptosis of Alloreactive T-Cells and Induction of Peripheral Allograft Tolerance</i> , Y. Li, X.C. Li, X.X. Zheng, A.D. Wells, L.A. Turka, T.B. Strom, Nature Medicine, Vol. 5, No. 11, pp. 1298-1302, November 1999.
	<i>Allogeneic Bone Marrow Transplantation With Co-Stimulatory Blockade Induces Macrochimerism and Tolerance Without Cytoablative Host Treatment</i> , T. Wekerle, J. Kurtz, H. Ito, J.V. Ronquillo, V. Dong, G. Zhao, J. Shaffer, M.H. Sayegh, M. Sykes, Nature Medicine, Vol. 6, No. 4, pgs. 464-469, April 2000.
	<i>Drug-Induced Tolerance to Allografts in Mice IX. Establishment of Complete Chimerism by Allogeneic Spleen Cell Transplantation From Donors Made Tolerant to H-2-Identical Recipients</i> , H. Mayumi, K. Himeno, K. Tanaka, N. Tokuda, J.L. Fan, K. Nomoto, Transplantation, Vol. 42, No. 4, pp.417-422, 1986.
	<i>Additional Monoclonal Antibody (mAb) Injections Can Replace Thymic Irradiation to Allow Induction of Mixed Chimerism and Tolerance in Mice Receiving Bone Marrow Transplantation After Conditioning With Anti-T Cell mAbs and 3-GY Whole Body Irradiation</i> , Y. Tomita, D.H. Sachs, A. Khan, M. Sykes, Transplantation, Vol. 61, No. 3, pp. 469-477, February 1996.
	<i>Immunosuppression Preventing Concordant Xenogeneic Islet Graft Rejection is not Sufficient to Prevent Recurrence of Autoimmune Diabetes in Non-Obese Diabetic Mice</i> , Z. Guo, D. Mital, J. Shen, A.S. Chong, Y. Tian, P. Foster, H. Sankary, L. McChesney, S.C. Jensik, J.W. Williams, Transplantation Vol. 65, No. 10, pp. 1310-1314, May 1998.
	<i>Immunosuppressive Effects and Safety of a Sirolimus/Cyclosporine Combination Regimen for Renal Transplantation</i> , B.D. Kahan, J. Podbielski, K.L. Napoli, S.M. Katz, H.U. Meier-Kriesche, C.T. Van Buren, Transplantation, Vol. 66, No. 8, pp. 1040-1046, October 1998.
MB	<i>Combined Costimulation Blockade Plus Rapamycin But Not Cyclosporine Produces Permanent Engraftment</i> , Y. Li, X.X. Zheng, X.C. Li, M.S. Zand, T.B. Strom, Transplantation Vol. 66, No. 9, pp. 1387-1388, November 1998.
EXAMINER SIGNATURE	DATE CONSIDERED

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Examiner
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MB

Sirolimus (Rapamycin)-Based Therapy in Human Renal Transplantation: Similar Efficacy and Different Toxicity Compared With Cyclosporine, C.G. Groth, L. Bäckman, J.M. Morales, R. Calne, H. Kreis, P. Lang, J.L. Touraine, K. Claesson, J.M. Campistol, D. Durand, L. Wramner, C. Brattström, B. Charpentier, Transplantation, Vol. 67, No. 7, pp. 1036-1042, April 1999.

Mixed Chimerism as an Approach for the Induction of Transplantation Tolerance, T. Wekerle, M. Sykes, Transplantation, Vol. 68, No. 4, pp. 459-467, August 1999.

Establishment of Stable Multilineage Hematopoietic Chimerism and Donor-Specific Tolerance Without Irradiation, D.A. Hale, R. Gottschalk, A. Umemura, T. Maki, A.P. Monaco, Transplantation, Vol. 69, No. 5, pp. 1242-1251, March 2000.

Immunotherapy With Nondepleting Anti-CD4 Monoclonal Antibodies but not CD28 Antagonists Protect Islet Graft in Spontaneously Diabetic NOD Mice From Autoimmune Destruction, Allogeneic and Xenogeneic Rejection, Z. Guo, T. Wu, N. Kirchof, D. Mital, J.W. Williams, M. Azuma, D.E.R. Sutherland, B.J. Hering, Transplantation, In press, 2001.

Evidence for Involvement of Clonal Anergy in MHC class I and Class II Disparate Skin Allograft Tolerance After the Termination of Intrathymic clonal Deletion, Y. Tomita, Y. Nishimura, N. Harada, M. Eto, K. Ayukawa, Y. Yoshikai, K. Nomoto, Journal of Immunology, Vol. 145, pp. 4026-4036, 1990.

Blockade of CD40 Ligand-CD40 Interaction Impairs CD4⁺ T Cell-Mediated Alloreactivity by Inhibiting Mature Donor T Cell Expansion and Function After Bone Marrow Transplantation, B.R. Blazar, P.A. Taylor, A. Panoskaltis-Mortari, J. Buhlmann, J. Xu, R.A. Flavell, R. Korngold, R.J. Noelle, D.A. Vallera, Journal of Immunology, Vol. 158, No. 1, pp. 29-39, January 1997.

Patterns of Hemopoietic Reconstitution in Non-Obese Diabetic Mice: Dichotomy of Allogeneic Resistance Versus Competitive Advantage of Disease-Resistant Marrow, C.L. Kaufman, H. Li, S.T. Ildstad, Journal of Immunology, Vol. 158, pp. 2437-2442, 1997.

Rapamycin Inhibits the Generation of Graft-Versus-Host Disease- and Graft-Versus-Leukemia-Causing T Cells by Interfering With the Production of Th1 and Th1 Cytotoxic Cytokines, B.R. Blazar, P.A. Taylor, A. Panoskaltis-Mortari, D.A. Vallera, Journal of Immunology, Vol. 160, No. 11, pp. 5355-5365, June 1998.

Cutting Edge: Sustained Expansion of CD8⁺ T Cells Requires CD154 Expression by Th Cells in Acute Graft Versus Host Disease, J.E. Buhlman, M. Gonzalez, B. Ginther, A. Panoskaltis-Mortari, B.R. Blazar, D.L. Greiner, A.A. Rossini, R. Flavell, R.J. Noelle, Journal of Immunology, Vol. 162, No. 8, pp. 4373-4376, April 1999.

↓
MB
CTLA4 Signals Are Required to Optimally Induce Allograft Tolerance With Combined Donor-Specific Transfusion and Anti-CD154 Monoclonal Antibody Treatment, X.X. Zheng, T.G. Markees, W.W. Hancock, Y. Li, D.L. Greiner, X.C. Li, J.P. Mordes, M.H. Sayegh, A.A. Rossini, T.B. Strom, Journal of Immunology, Vol. 162, No. 8, pp. 4983-4990, April 1999.

EXAMINER
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DATE

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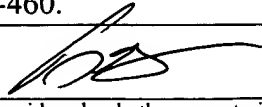
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OTHER DOCUMENTS			
Examiner Initials	(Author, Title, Date, Pertinent Pages, etc.)		
MB	CD40 Ligand Blockade Induces CD4+ T Cell Tolerance and Linked Suppression, K. Honey, S.P. Cobbold, H. Waldmann, Journal of Immunology, Vol. 163, No. 9, pp. 4805-4810, November 1999.		
	Treatment of Allograft Recipients With Donor-Specific Transfusion and Anti-CD154 Antibody Leads to Deletion of Alloreactive CD8 ⁺ T Cells and Prolonged Graft Survival in a CTLA4-Dependent Manner, N.N. Iwakoshi, J.P. Mordes, T.G. Markees, N.E. Phillips, A.A. Rossini, D.L. Greiner, Journal of Immunology, Vol. 164, No. 1, pp. 512-521, January 2000.		
	Cutting Edge: Administration of Anti-CD40 Ligand and Donor Bone Marrow Leads to Hemopoietic Chimerism and Donor-Specific Tolerance Without Cytoablative Conditioning, M.M. Durham, A.W. Bingaman, A.B. Adams, J. Ha, S.Y. Waitze, T.C. Pearson, C.P. Larsen, Journal of Immunology, Vol. 165, pp. 1-4, April 2000.		
	Induction of Permanent Mixed Chimerism and Skin Allograft Tolerance Across Fully MHC-Mismatched Barriers by the Additional Myelosuppressive Treatment in Mice Primed With Allogeneic Spleen Cells Followed by Cyclophosphamide, Y. Tomita, M. Yoshikawa, Q.W. Zhang, I. Shimizu, S. Okano, T. Iwai, H. Yasui, K. Nomoto, Journal of Immunology, Vol. 165, No.1, pp. 34-41, July 2000.		
	CD40-CD40 Ligand-Independent Activation of CD8 ⁺ T Cells Can Trigger Allograft Rejection, N.D. Jones, A. van Maurik, M. Hara, B.M. Spriewald, O. Witzke, P.J. Morris, K.J. Wood, Journal of Immunology, Vol. 165, No. 2, pp. 1111-1118, July 2000.		
	Long-Term Results of Blood and Marrow Transplantation for Hodgkin's Lymphoma, G. Akpek, R.F. Ambinder, S. Piantadosi, R.A. Abrams, R.A. Brodsky, G.B. Vogelsang, M.L. Zahurak, D. Fuller, C.B. Miller, S.J. Noga, E. Fuchs, I.W. Flinn, P. O'Donnell, E.J. Seifter, R.B. Mann, R.J. Jones, Journal of Clinical Oncology, Vol. 19, No. 23, pp. 4314-4321; December 2001.		
	Durable Engraftment of Major Histocompatibility Complex-Incompatible Cells After Nonmyeloablative Conditioning With Fludarabine, Low-Dose Total Body Irradiation, and Posttransplantation Cyclophosphamide, L. Luznik, S. Jalla, L.W. Engstrom, R. Iannone, E.J. Fuchs, Blood, Vol. 98, No. 12, pp. 3456-3464, December 2001.		
	Website Print-Out: Phase I Study of Nonmyeloablative Cyclophosphamide Plus Haploidentical Allogeneic Bone Marrow Transplantation in Patients With Hematologic Malignancies, E.J. Fuchs, CancerNet, 6 pgs., November 2001.		
↓ MB	Website Print-Out: Induction of Mixed Chimerism with Nonmyeloablative Conditioning Therapy and HLA-Matched Donor Stem Cell Transplantation for High Risk Hematologic Malignancies, Clinical Trials at Cancer Treatment Centers of America, 3 pgs., November 2001.		
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Examiner Initials	(Author, Title, Date, Pertinent Pages, etc.)		
MPB	Megan Sykes and David H. Sachs, "Mixed chimerism", Philosophical Transactions of the Royal Society - Biological Sciences, Vol. 356, No. 1409, May 2001, pp. 707-726.		
	Thomas Wekerle and Megan Sykes, "Mixed Chimerism as an Approach for the Induction of Transplantation Tolerance" Transplantation, Vol. 68, No. 4, August 27, 1999, pp. 459-467.		
	Thomas Wekerle, Mohame H. Sayegh, Hiroshi Ito, Joshua Hill, Anil Chandraker, Denise A. Pearson, Kiristen G. Swenson, Guiling, Zhao and Megan Sykes, "Anti-CD154 or CTLA4Ig Obviates the Need for Thymic Irradiation in a Non-Myeloablative Conditioning Regimen for the Induction of Mixed Hematopoietic Chimerism and Tolerance" Transplantation, Vol. 68, No. 9, May 15, 1999, pp. 1348-1355.		
	Bimalangshu R. Dey, Steven L. McAfee, Christine Colby, Robert Sackstein, Susan Saidman, Karen Power, David H. Sachs, Megal Sykes, Thomas R. Spitzer, "Impact of Prophylactic Donor Leukocyte Infusions on Mixed Chmerism, Graft-vs-Host Disease (GvHD) and Anti-Tumor Response in Patients with Advanced Hematologic Malignancies Treated with Nonmyeloablative Conditioning and Allogeneic Stem Cell Transplantation" Blood, Vol. 98, No. 11, Part 1, November 16, 2001, p. 417a.		
	Thomas Wekerle, MD, "Transplantation Tolerance Induced by Mixed Chimerism", The Journal of Heart and Lung Transplantation, Vol. 20, No. 8, August 2001, pp. 816-823.		
	I. Leykin, B. Nikolic and M. Sykes, "Mixed Bone Marrow Chimerism as a Treatment for Autoimmune Diabetes", Transplantation Proceedings, Vol. 33, No. 1-2, Date Feb.-Mar. 2001, p. 120.		
	Yasushi Fuchimoto, Christene A. Huang, Kzauhiko Yamada, Akira Shimizu, Hiroshi Kitamura, R. B. Colvin, Vincent Ferrara, Michael C. Murphy, Megal Sykes, Mary White-Scharf, David M. Neville, Jr. and David H. Sachs, "Mixed chimerism and tolerance without whole body irradiation in a large animal model", The Journal of Clinical Investigation, Vol. 105, No. 12, June 2000, pp. 1779-1789.		
	Görgün Akpek, Richard F. Ambinder, Steven Piantadosi, Ross A. Abrams, Robert A. Brodsky, Georgia B. Vogelsang, Marianna L. Zahurak, Donald Fuller, Carole B. Miller, Stephen J. Noga, Ephraim Fuchs, Ian W. Flinn, Paul O'Donnell, Eric J. Seifter, Risa B. Mann, and Richard J. Jones, "Long-Term Results of Blood and Marrow Transplantation for Hodgkin's Lymphoma", Journal of Clinical Oncology, Vol. 19, No. 23, December 1, 2001, pp. 4314-4321.		
	Leo Luznik, Sanju Jalla, Laura W. Engstrom, Robert Iannone, and Ephraim J. Fuchs, "Durable engraftment of major histocompatibility complex-incompatible cells after nonmyeloablative conditioning with fludarabine, low-dose total body irradiation, and posttransplantation cyclophosphamide", Blood, Vol. 98, No. 12, December 1, 2001, pp. 3456-3464.		
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OTHER DOCUMENTS			
MAY 20 2002			
MB	Irving L. Weissman, David J. Anderson, Fred Gage, "Stem and Progenitor Cells: Orgins, Phenotypes, Lineage Commitments, and Transdifferentiations", Annual Review of Cell and Developmental Biology, Vol. 17, 2000, pp. 387-403.	RECEIVED TECH CENTER 1600 2900	
	Irving L. Weissman, "Stem Cells: Units of Development, Units of Regeneration, and Units of Evolution", Cell, Vol. 100, No. 1, January 7, 2000, pp. 157-168.		
	Ronald McKay, "Stem Cells in the Central Nervous System", Science, Vol. 276, April 4, 1997, pp. 66-71.		
	Lesley J. Murray, Ann Tsukamoto and Ron Hoffman, "CD34+Thy-1+Lin-Stem Cells from Mobilized Peripheral Blood", Leukemia & Lymphoma, Vol. 22, No. 1-2, June 1996, pp. 37-42.		
	J. Moore and P. Brooks, "Stem Cell Transplantation for Autoimmune Diseases", Springer Seminars in Immunopathology, Vol. 23, No. 1-2, June 2001, pp. 193-213.		
	Peter W. Zandstra and Andras Nagy, "Stem Cell Bioengineering", Annual Review of BioMedical Engineering, Vol. 3, 2001, pp. 275-305.		
	G. T. Sukhikh and V.V. Malaitsev, "Neural Stem Cell: Biology and Prospects of Neurotransplantation", Vol. 131, No. 3, March 2001, pp. 203-212.		
	Akira Suzuki and Toru Nakano, "Development of Hematopoietic Cells From Embryonic Stem Cells", International Journal of Hematology, Vol. 73, No. 1, January 2001, pp. 1-5.		
	Ammon B. Peck, Monika Chaudhari, Janet G. Cornelius and Vijayakumar K. Ramiya, "Pancreatic Stem Cells: Building Blocks for a Better Surrogate Islet to Treat Type 1 Diabetes", Annals of Medicine, Vol. 33, No. 3, April 2001, pp. 186-192.		
	Nobuko Uchida, David W. Buck, Dongping He, Michael J. Reitsma, Marilyn Masek, Thinh V. Pan, Ann S. Tsukamoto, Fred H. Gage, and Irving L. Weissman, "Direct Isolation of Human Central Nervous System Stem Cell", Proceedings of the National Academy of Sciences of the United States of America, Vol. 97, No. 26, December 19, 2000, pp. 14720-14725.		
	Fred H. Gage, "Mammalian Neural Stem Cells", Science, Vol. 287, No. 5457, February 25, 2000, pp. 1433-1438.		
	Daniel J. Weisdorf, Catherine M. Verfaillie, Wesley J. Miller, Bruce R. Blazar, Elizabeth Perry, Xiao Ou Shu, Kathleen Daniels, Peter Hannan, Norma K.C. Ramsay, John H. Kersey, and Philip B. McGlave, "Autologous Bone Marrow Versus Non-Mobilized Peripheral Blood Stem Cell Transplantation for Lymphoid Malignancies: A Prospective, Comparative Trial", American Journal of Hematology, Vol. 54, No. 3, March 1997, pp. 202-208.		
	Pierre Y. Benhamou, "Immunomodulation with CTLA4-Ig in Islet Transplantation", Transplantation, Vol. 73, No. 1, January 15, 2002, pp. S40-S42.		
✓ MB	Mina Peshavaria Ph.D. and Kevin Pang Ph.D. "Manipulation of Pancreatic Stem Cells for Cell Replacement Therapy", Diabetes Technology & Therapeutics, Vol. 2, No. 3, 2000, pp. 453-460.		
EXAMINER SIGNATURE 		DATE CONSIDERED 9/18/02	
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FORM PTO-1449 MODIFIED		Docket No.: 1432.05US02	Application No. 0925,027
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANT: Hering et al.	MAY 20 2002
		FILING DATE: 05/14/01	
		GROUP ART UNIT: 1633	
OTHER DOCUMENTS			
MB	Cesare Peschle, Rosanne Botta, Robert Müller, Mauro Valtieri, and Benedikt L. Ziegler, "Purification and Functional Assay of Pluripotent Hematopoietic Stem Cells", Reviews in Clinical and Experimental Hematology, Vol. 5, No. 1, March 2001, pp. 3-14.		
	L. Bühler, M. Awwad, S. Treter, Q. Chang, M. Basker, I.P.J. Alwayn, K. Teranishi, T. Ericsson, K. Moran, D. Harper, B. Kurilla-Mahon, C.A. Huang, R. Sackstein, M. Sykes, M.E. White-Scharf, D.H. Sachs, J.D. Down, and D.K.C. Cooper, "Pig Mematopoietic Cell Chimerism in Baboons Conditioned with a Nonmyeloablative Regimen and CD154 Blockade", Transplantation, Vol. 73, No. 1, January 15, 2002, pp. 12-22.		
	L. Bühler, M. Awwad, S. Treter, Q. Chang, M. Basker, I.P.J. Alwayn, K. Teranishi, T. Ericsson, K. Moran, D. Harper, B. Kurilla-Mahon, C.A. Huang, R. Sackstein, M. Sykes, M.E. White-Scharf, D.H. Sachs, J.D. Down, and D.K.C. Cooper, "Pig Mematopoietic Cell Chimerism in Baboons Conditioned with a Nonmyeloablative Regimen and CD154 Blockade", Transplantation, Analysis & Commentary, Vol. 73, No. 1, January 15, 2002, pp. 1-2.		
	Leo Luznik, Laura Wendy Engstrom, Roert Iannone, Ephraim Joseph Fuchs, "Posttransplantation Cyclophosphamide Facilitates Engraftment of Major Histocompatibility Complex-Identical Allogeneic Marrow in Mice Conditioned with Low-Dose Total Body Irradiation", Biology of Blood and Marrow Transplantation, Vol. 8, 2002, pp. 131-138.		
	B.R. Dey, S. McAfee, R. Sacksten, C. Colby, S. Saidman, D. Weymouth, C. Polyiquin, J. Vanderklis, D.H. Sachs, M. Sykes, T.R. Spitzer, "Successful Allogeneic Stem Cell Transplantation with Nonmyeloablative Conditioning in Patients with Relapsed Hematologic Malignancy Following Autologous Stem Cell Transplantation", Biology of Blood and Marrow Transplantation, Vol. 7, 2001, pp. 604-612.		
	Carmen Martínez, Enric Carreras, Montserrat Rovira, Álvaro Urbano-Ispizua, Jordi Esteve, Francesc Fernández-Avilés, María Perales, Susana Rives, Marta Gómes, Emilio Montserrat, "Allogenic stem cell transplantation as salvage therapy for patients relapsing after autologous transplantation: experience from a single institution", Leukemia Research, Vol. 25, 2001, pp. 379-384.		
	P. Blaha, C. Kiss, F. Langer, E. Selzer, H. Bergmeister, J. Kurtz, E. Roth, F. Muehlbacher, M. Sykes, T. Wekerle, Vienna General Hospital, Vienna Austria, Massachusetts General Hospital, Boston, Massachusetts, "The Effects of Rapamycin and Cyclosporina On Tolerance Induction Through Bone Marrow Transplantation with Costimulation Blockade", The Journal of Heart and Lung Transplantation, Vol. 21, No. 1, p. 155.		
MB	Leo Luznik, Sanju Jalla, Ephraim J. Fuchs, Robert Iannone, "A comparison of intravenous busulfan and total body irradiation in nonmyeloablative conditioning for BMT", Blood, Vol. 98, No. 11, Part 1, Nov. 16, 2001, p. 169a, Conference Date: December 7-11, 2001, 43 rd Annual Meeting of the American Society of Hematology, Part 1.		
EXAMINER SIGNATURE		DATE CONSIDERED 9/18/02	
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M/B ↓	Georgia Vogelsang, Steven Piantadosi, Paul O'Donnell, Stephen Miller, Deborah Marcellus, Hy Levitsky, Richard Jones, Ephraim Fuchs, Ian Flinn, Robert Brodsky, Ivan Borrello, Atul Bedi, Sally Arai, and Richard Ambinder, "Survival of patients with acute leukemia after bone marrow transplantation using allografts depleted of T-cells by counterflow centrifugal elutriation (CCE)", Blood, Vol. 98, No. 11, Part 2, Nov. 16, 2001, p. 379b, December 7-11, 2001, 43 rd Annual Meeting of the American Society of Hematology, Part 2.	YES, CLERK 1000/2000	
	Georgia B. Vogelsang, Richard J. Jones, Carol A. Huff, Ephraim J. Fuchs, "Donor lymphocyte infusions (DLI) after allogeneic blood and marrow transplantation (AlloBMT): Factors influencing graft-versus-host disease (GVHD) and response", Blood, Vol. 98, No. 11, Part 2, Nov. 16, 2001, p. 367b, December 7-11, 2001, 43 rd Annual Meeting of the American Society of Hematology, Part 2.		
	Megan Sykes and Thomas R. Spitzer, "Non-Myeloblastic Induction of Mixed Hematopoietic Chimerism: Application to Transplantation Tolerance and Hematologic Malignancies in Experimental and Clinical Studies", Cancer Treatment Research, Vol. 110, 2002, pp. 77-99.		
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